





PTO/SB/08A (08-03)  
Approved for use through 07/31/2008. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 3

### Complete if Known

Application Number	10/603,285
Filing Date	June 24, 2003
First Named Inventor	Michael E. Shanahan
Art Unit	2681
Examiner Name	
Attorney Docket Number	MES/002 CON 11

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
T-N		US- 5,220,420	06-15-1993	Hoarty, et al.	
		US- 5,247,347	09-21-1993	Litter, et al.	
		US- 5,253,275	10-12-1993	Yurt, et al.	
		US- 5,262,275	11-16-1993	Mincer, et al.	
		US- 5,341,474	08-23-1994	Gelman, et al	
		US- 5,428,606	06-27-1995	Moskowitz	
		US- 5,440,336	08-08-1995	Buhro, et al.	
		US- 5,442,749	08-15-1995	Northcutt, et al.	
		US- 5,508,733	04-16-1996	Kassatly	
		US- 5,524,141	06-04-1996	Braun, et al.	
		US- 5,528,281	06-18-1996	Grady, et al.	
		US- 5,541,917	07 06-30-1996	Farris	
		US- 5,550,587 577	08-27-1996	Verbiest, et al.	
		US- 5,550,578	08-27-1996	Hoarty, et al.	
		US- 5,550,863	08-27-1996	Yurt, et al.	
		US- 5,553,311	09-03-1996	McLaughlin, et al.	
		US- 5,557,675	09-17-1996	Schupak	
		US- 5,561,688	10-01-1996	Jones, Jr.	
T-N		US- 5,563,649	10-08-1996	Gould, et al.	

up 10/5/05

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>4</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

Examiner Signature		Date Considered	7/28/06
--------------------	--	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.